

GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on: February 24, 2003, 10:15:28 ; Search time 15.9027 Seconds
(without alignments)
8639.474 Million cell updates/sec

Title: US-09-922-895-4

Perfect score: 448

Sequence: 1 TAGCTCAGATGACGAAATAT.....CCCTGCTTATGAAAGCTT 448

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 441362 seqs, 153338381 residues

Total number of hits satisfying chosen parameters: 882724

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued_Patents_NA.*

1: /cgn2_6/ptodata/1/ina/5A.COMB.seq:*
2: /cgn2_6/ptodata/1/ina/5B.COMB.seq:*
3: /cgn2_6/ptodata/1/ina/6A.COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B.COMB.seq:*
5: /cgn2_6/ptodata/1/ina/PC70S.COMB.seq:*
6: /cgn2_6/ptodata/1/ina/Backfile1.seq:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	448	100.0	448	US-08-847-296B-4	Sequence 4, Appli
2	448	100.0	1915	US-08-575-967A-3	Sequence 3, Appli
3	41	9.2	498	US-09-134-001C-2267	Sequence 2267, Ap
4	39.6	8.8	6124	US-08-213-419B-3	Sequence 3, Appli
5	37	8.3	3636	US-09-134-001C-1983	Sequence 1983, Ap
6	35.8	8.0	1431	US-09-316-083-2	Sequence 2, Appli
7	35.8	8.0	3414	US-07-973-320-3	Sequence 3, Appli
8	35.6	7.9	4673	US-07-638-431-1	Sequence 1, Appli
9	35.6	7.9	4673	PCT-US92-00018-1	Sequence 1, Appli
10	35.4	7.9	2132	US-08-844-188-39	Sequence 33, Appli
11	35.4	7.9	2132	US-09-378-088A-39	Sequence 33, Appli
12	35.2	7.9	1654	US-08-913-842-20	Sequence 20, Appli
13	35.2	7.9	1875	US-08-913-842-1	Sequence 1, Appli
14	35.2	7.9	4146	US-08-952-089A-29	Sequence 29, Appli
15	35	7.8	4526	US-09-424-283-7	Sequence 7, Appli
16	35	7.8	9048	US-08-973-273-4	Sequence 40, Appli
17	34.6	7.7	246240	US-08-724-394A-20	Sequence 20, Appli
18	34.6	7.7	246240	US-08-724-394A-21	Sequence 21, Appli
19	34.6	7.7	246240	US-08-724-394A-22	Sequence 22, Appli
20	34.2	7.6	1672	US-09-495-066-1	Sequence 1, Appli
21	34.2	7.6	3414	US-07-973-320-1	Sequence 1, Appli
22	34	7.6	2781	US-08-749-522-4	Sequence 4, Appli
23	33.8	7.5	2230	US-08-844-188-34	Sequence 34, Appli
24	33.8	7.5	2230	US-09-378-088A-34	Sequence 34, Appli
25	33.6	7.5	658	US-08-998-416-193	Sequence 193, App
26	33.6	7.5	676	US-08-998-416-1014	Sequence 1014, Ap
27	33.6	7.5	677	US-08-998-416-920	Sequence 920, App

28	33.6	7.5	773	US-08-998-416-385	Sequence 385, App
29	33.6	7.5	1035	US-09-134-001C-687	Sequence 687, App
30	33.6	7.5	5852	US-07-867-106-2	Sequence 2, Appli
31	33.6	7.5	72928	US-09-009-913-1	Sequence 1, Appli
32	33.4	7.5	12286	US-09-322-478-17	Sequence 17, Appli
33	33.4	7.5	12571	US-09-322-478-20	Sequence 20, Appli
34	33	7.4	306	US-09-122-400B-9	Sequence 9, Appli
35	32.8	7.3	2359	US-08-426-169-5	Sequence 5, Appli
36	32.8	7.3	2359	US-09-233-813-5	Sequence 5, Appli
37	32.8	7.3	2359	PCT-US95-09470-5	Sequence 5, Appli
38	32.8	7.3	112132	US-09-741-150-3	Sequence 3, Appli
39	32.8	7.3	162450	US-09-345-882-1	Sequence 1841, Ap
40	32.6	7.3	921	US-09-134-001C-1841	Sequence 1841, Ap
41	32.6	7.3	1636	5447867-2	Sequence 160, App
42	32.6	7.3	3951	US-09-643-597-160	Sequence 170, App
43	32.4	7.2	198	US-09-134-001C-170	Sequence 53, Appli
44	32.4	7.2	2829	US-08-851-843A-53	Sequence 220, App
45	32.4	7.2	2829	US-08-974-549A-220	

ALIGNMENTS

RESULT 1
US-08-847-296B-4
; Sequence 4, Application US/08847296B
; Patent No. 6271347
; GENERAL INFORMATION:
; APPLICANT: DAUGHERTY, BRUCE L.
; APPLICANT: DEMARTINO, JULIE A.
; APPLICANT: SICILIANO, SALVATORE J.
; APPLICANT: SPRINGER, MARTIN J.
; TITLE OF INVENTION: EOSINOPHIL EOTAXIN RECEPTOR
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Merck & Co., Inc.
; STREET: P.O. Box 2000, 126 E. Lincoln Ave.
; CITY: Rahway
; STATE: NJ
; COUNTRY: USA
; ZIP: 07065-0900
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/847,296B
; FILING DATE: 24-APR-1997
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/016,158
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 60/017,113
; FILING DATE: 26-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Thies, J. Eric
; REGISTRATION NUMBER: 35,382
; REFERENCE/DOCKET NUMBER: 19634Y
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 908-594-3904
; TELEFAX: 908-594-4720
; TELEFAX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 448 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: CDNA
; US-08-847-296B-4
Query Match 100.0%; Score 448; DB 4; Length 448;

Db 312 ACCTTTTGGCTACCTGGAATATATGTTCCATTATATAGATAGATGATTTT 253
QY 324 TTTTATATTTTATACATCTCAGCCAGCTTTGATATAAATAAATTTTCACACA 383
Db 252 TTTTATGTTTAAATATTTTACATACATATGATATAGATGATTTTGAATGTA 193
QY 384 ATACATAAGTAACTATTTTATTTCTAATGTCCTAGTCTTCCCTGCTTAAG 440
Db 192 TTCCAAATAATATGTAATGTTTTCAGGTGATACATGTAATGTAATAGCTTAAG 136

RESULT 4

US-08-213-419B-3
; Sequence 3, Application US/08213419B
; Patent No. 6333406
; GENERAL INFORMATION:
; APPLICANT: Inselburg, J. et al.
; TITLE OF INVENTION: GENE ENCODING PROTEIN ANTIGENS OF PLASMODIUM FALCIPARUM
; FILE REFERENCE: J11-002CNC
; CURRENT APPLICATION NUMBER: US/08/213,419B
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: US 07/870,506
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 3
; LENGTH: 6124
; TYPE: DNA
; ORGANISM: Plasmodium falciparum
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (2407)..(2439)
; NAME/KEY: CDS
; LOCATION: (2598)..(3404)
; NAME/KEY: CDS
; LOCATION: (3580)..(3720)
; NAME/KEY: CDS
; LOCATION: (3850)..(5835)
US-08-213-419B-3

Query Match 8.8%; Score 39.6; DB 4; Length 6124;
Best Local Similarity 53.2%; Pred. No. 0.081;
Matches 84; Conservative 0; Mismatches 74; Indels 0; Gaps 0;

QY 259 TACCTACATTTTATGACCTGATGTTAGATAGTACTATATGCGCTACAAAAGCTA 318
Db 1890 TAACATAATTTGATATATCGGAATCTTAAAGTTACAAAAGTGAAGTAAACATTC 1949
QY 319 AAATTTTATTTTATACATTAACCTTCAGCCAGCTATGATATAAATAAATTTTC 378
Db 1950 ACTTATTTAT 2009
QY 379 ACACATACATTAAGTTAACTATTTTCTAATGT 416
Db 2010 TAATATATGTTCTTTCTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTTTCTTT 2047

RESULT 5
US-09-134-001C-1983/C
; Sequence 1983, Application US/09134001C
; Patent No. 6380370
; GENERAL INFORMATION:
; APPLICANT: Lynn Doucet-Stamm et al
; TITLE OF INVENTION: NOCULEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS
; FILE REFERENCE: GTC-007
; CURRENT APPLICATION NUMBER: US/09/134,001C
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: US 60/064,964
; PRIOR FILING DATE: 1997-11-08
; PRIOR APPLICATION NUMBER: US 60/055,779

; PRIOR FILING DATE: 1997-08-14
; NUMBER OF SEQ ID NOS: 5674
; SEQ ID NO 1983
; LENGTH: 3636
; TYPE: DNA
; ORGANISM: Staphylococcus epidermidis
US-09-134-001C-1983

Query Match 8.3%; Score 37; DB 4; Length 3636;
Best Local Similarity 56.0%; Pred. No. 0.36;
Matches 70; Conservative 0; Mismatches 55; Indels 0; Gaps 0;

QY 324 TTTTATATTTTATACATTTACCTCAGCCAGCTATGATATAAATAAATTTTCACACA 383
Db 2682 TTTCACATTTTCAAAAGCATTTTACCCATTCATTCATGATTAACATTTTATTTT 2623
QY 384 ATACATAAGTAACTATTTTATTTCTAATGTCCTAGTCTTCCCTGCTTAAGTAA 443
Db 2622 TTTCATTTACTTCAATTTTGTGACGTTCTGAAATGCTAAGTTGTTATCTAAGCTTCA 2563
QY 444 AGCTT 448
Db 2562 AACTT 2558

RESULT 6

US-09-316-083-2
; Sequence 2, Application US/09316083A
; Patent No. 6280942
; GENERAL INFORMATION:
; APPLICANT: The Institute of Physical and Chemical Research
; TITLE OF INVENTION: Endonuclease
; FILE REFERENCE: PH-651
; CURRENT APPLICATION NUMBER: US/09/316,083A
; CURRENT FILING DATE: 1999-05-20
; EARLIER APPLICATION NUMBER: JP98/141861
; EARLIER FILING DATE: 1998-05-22
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 2
; LENGTH: 1431
; TYPE: DNA
; ORGANISM: Saccharomyces cerevisiae
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(1428)
US-09-316-083-2

Query Match 8.0%; Score 35.8; DB 4; Length 1431;
Best Local Similarity 54.1%; Pred. No. 0.54;
Matches 73; Conservative 0; Mismatches 62; Indels 0; Gaps 0;

QY 310 AAAAAGTAAACTTTTATTTTATACATTTACCTTCAGCCAGCTATGATATAAATAA 369
Db 5 AAAAACAATAATTTAAATTTTATTTTATTTATGATATATATATATATATATATAT 64
QY 370 AACATTTTCACAAATACATTAAGTTAATTTTCTAATGTCCTAATTTCTTC 429
Db 65 ATATATTCATTAATAATCAATTAATAAAGACGTGATATGAAATATGAAATATATGTA 124
QY 430 CCGCTTAATGAAAA 444
Db 125 AATTTTAAATGATA 139

RESULT 7

US-07-973-320-3
; Sequence 3, Application US/07973320
; Patent No. 5286486
; GENERAL INFORMATION:
; APPLICANT: Payne, Jewel M.
; APPLICANT: Fu, Jenny M.
; TITLE OF INVENTION: No. 5286486el Bacillus thuringiensis Gene

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RESULT 8
US-07-638-431-1
; Sequence 1, Application US/07638431
; Patent No. 5198535
; GENERAL INFORMATION:
; APPLICANT: Hoffman, Stephen L.
; APPLICANT: Charoenvit, Yupin
; APPLICANT: Hedstrom, Richard
; APPLICANT: Knusmilt, Srisin
; APPLICANT: Rogers IV, William O.
;

```

DB	3275	TTTTAAATTTATTCATGATATATATATAAAATACCTTAATAATATAATTCATTAAT	3334
QY	399	TATTTTATTTTCTAATGTCCTAGTCTTCTCC	430
DB	3335	CGCTGTCTTAAATTTGTTGTGTTCTTTAC	3366

RESULT 9
PCT-US92-00018-1
: Sequence 1, Application PC/TUS9200018

APPLICANT: Pollard, Michael R.
APPLICANT: Cardineau, Guy A.
APPLICANT: Schwab, George E.
APPLICANT: Michaels, Tracy E.
APPLICANT: Finstad Lee, Stacy
APPLICANT: Burneister, Paula
APPLICANT: Dojillo, Joanna
TITLE OF INVENTION: Pesticidal Proteins
FILE REFERENCE: MA703C2
CURRENT APPLICATION NUMBER: US/09/378,088A
CURRENT FILING DATE: 1999-08-20
PRIOR APPLICATION NUMBER: US 08/633,993
PRIOR FILING DATE: 1996-04-19
PRIOR APPLICATION NUMBER: US 08/844,188
PRIOR FILING DATE: 1997-04-18
NUMBER OF SEQ ID NOS: 130
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 39
LENGTH: 2132
TYPE: DNA
ORGANISM: Bacillus thuringiensis
US-09-378-088A-39

Query Match 7.9%; Score 35.4; DB 4; Length 2132;
Best Local Similarity 56.4%; Pred. No. 0.82;
Matches 66; Conservative 0; Mismatches 51; Indels 0; Gaps 0;

OY 298 ATATGGCGGTACAAAAGTAAAGTTTATTTATTTATATACATTACTGACGACCTAT 357
DB 302 ATATCAACCTCCCTAAATTAATTTATTAATCATCTGATCGATTAATATATGATTCAT 243
DB 358 TGATATAATTAACATTTTACACATACATATAGTAACTATTTATTTCTAAT 414
DB 242 TTTCAAAATAAATAACATTAATTAATTTTATTCATCATTTTCATTAT 186

RESULT 12
US-08-913-842-20
Sequence 20, Application US/08913842
Patent No. 6028250
GENERAL INFORMATION:
APPLICANT: OHBA, Toshiharu
APPLICANT: TAKAHASHI, Shuichi
APPLICANT: ANMA, Yoshiko
APPLICANT: ASADA, Kiyozo
APPLICANT: KATO, Ikunoshin
TITLE OF INVENTION: PLANT PROMOTER AND METHOD FOR GENE
NUMBER OF SEQUENCES: 75
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
STREET: 419 7th Street N.W., Ste. 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,842
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 07-073043
FILING DATE: 30-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/00777
FILING DATE: 26-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.

REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: OHBA-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 1654 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: CDNA
US-08-913-842-20

Query Match 7.9%; Score 35.2; DB 3; Length 1654;
Best Local Similarity 50.6%; Pred. No. 0.85;
Matches 85; Conservative 0; Mismatches 83; Indels 0; Gaps 0;

OY 239 CTCTCTCTCTAATAAGATTAACCTATTTTAATGACCGTGAATGTAATTAATA 298
DB 182 CTATCTTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 241
OY 299 TATGCGCGTACAAAAGTAAAGTTTATTTATTTATATACATTACTGACGACCTAT 358
DB 242 AATTAGACTACTCATTAATTAATTAATTAATTAATTAATTAATTAATTAATTAAT 301
OY 359 GATATAATAAATTAACATTTTACACATACATATAGTAACTATTTAT 406
DB 302 TCTATTGAATAATTCACGTCACACTAATATATACAAAACCTATATAT 349

RESULT 13
US-08-913-842-1
Sequence 1, Application US/08913842
Patent No. 6028250
GENERAL INFORMATION:
APPLICANT: OHBA, Toshiharu
APPLICANT: TAKAHASHI, Shuichi
APPLICANT: ANMA, Yoshiko
APPLICANT: ASADA, Kiyozo
APPLICANT: KATO, Ikunoshin
TITLE OF INVENTION: PLANT PROMOTER AND METHOD FOR GENE
NUMBER OF SEQUENCES: 75
CORRESPONDENCE ADDRESS:
ADDRESSEE: BROWDY AND NEIMARK, P.L.L.C.
STREET: 419 7th Street N.W., Ste. 300
CITY: Washington
STATE: D.C.
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/913,842
FILING DATE:
CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: JP 07-073043
FILING DATE: 30-MAR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/JP96/00777
FILING DATE: 26-MAR-1996
ATTORNEY/AGENT INFORMATION:
NAME: BROWDY, Roger L.
REGISTRATION NUMBER: 25,618
REFERENCE/DOCKET NUMBER: OHBA-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 628-5197
TELEFAX: (202) 737-3528

Search completed: February 24, 2003, 14:50:26
Job time : 38.2361 secs

Search completed: February 24, 2003, 14:50:26
Job time : 38.2361 secs

